



La Jara Mine

1. Location/Land Status: La Jara Mine is located on U.S. Forest Service land within Section 15, T12N, R9W, NMPM on the USGS Dos Lomas quadrangle (35.267651N, 107.773729W) some 9 miles NE of Grants, NM. Physical access to the mine can be gained by traveling 8 miles east from Grants on Lobo Canyon Road, turn left and travel NW approximately 4.5 miles on USFS 450, then 2.5 miles north on undesignated access road to the mine. Conditions on USFS 450 can be dangerous, therefore SMA recommends checking with Chuck Hagerman at the USFS station in Grants before traveling this area.

2. Human Activity: No evidence of human activity beyond historical mining was noted.

3. Radiological Survey: Radiological survey results were as follows: ground surface maximum of 40 μ R/hour and minimum of 9 μ R/hour. Four-foot elevation maximum was 32 μ R/hour and minimum was 7 μ R/hour. Background radiation levels are approximately 10 μ R/hour.

4. Mine Disturbance: The mine consists of one open excavation 75 ft by 125 ft, maximum depth approximately 6 ft. Numerous rock piles exist, approximately 20. Dimensions of each range from 20 to 30 ft. in diameter, thicknesses of 6 to 8 feet., estimated total volume 1,200 cubic-yards. The total area of the mine site is an estimated at 2 acres.

5. Plant Community: The surrounding area is typical pinon/juniper forest with mixed grasses. The vegetation on site consists of the following: 10% trees, 10% woody scrub, 10% forbs, 20% grasses, and 50% bare earth.

6. Soils: Site soils are gravels with sands (desert pavement), minor silts and clays, slopes of 0-5 percent, 0-2 inches loam (locally present), 2-24 inches sandy gravels.

7. Wildlife: There were no wildlife signs observed on this site.

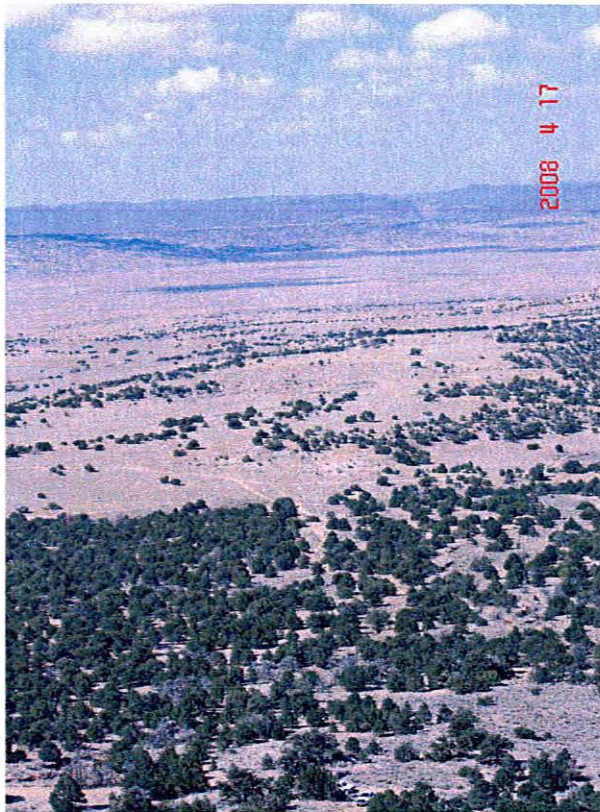
8. Land Use: Land use at the mine is light to moderate grazing.

9. Off-Site Impacts: No off-site impacts were noted.

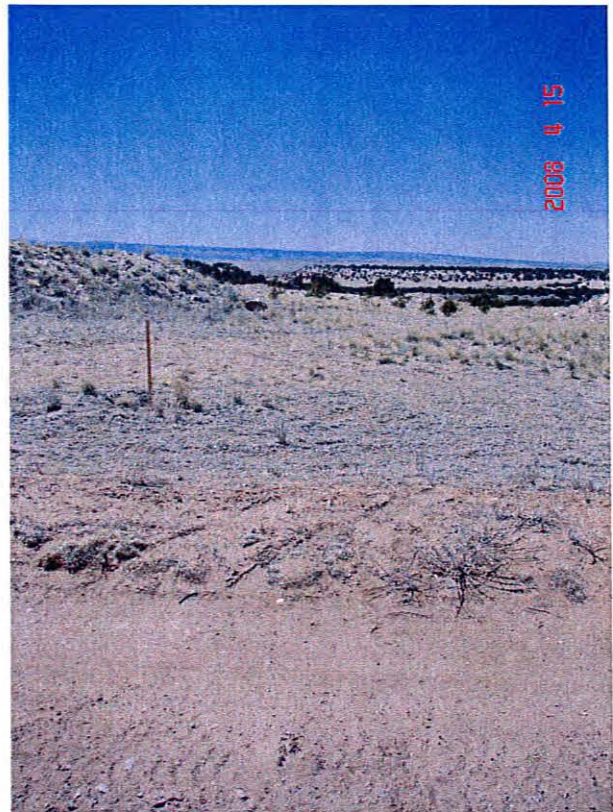
10. Topographic Features: The site is relatively flat-lying. No major erosional features were noted.

11. Hydrogeology: Based on a review of the NMOSE iWaters database, there are no well records within a one mile search radius. The nearest well to the site with a recorded depth to water is approximately 2.3 miles to the south, with a depth to water of 70 feet.

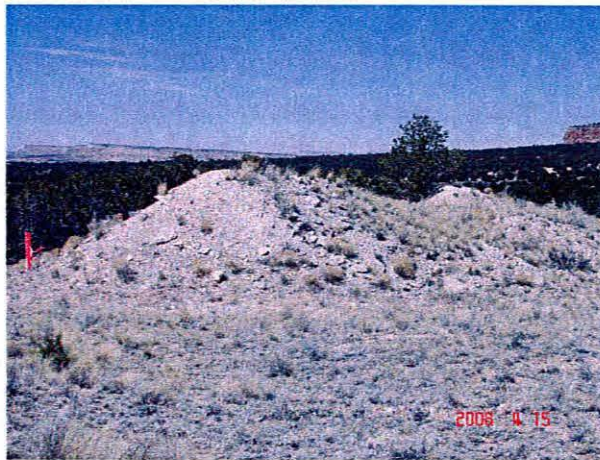
The nearest surface water drainage feature is approximately 0.3 miles west of the site.



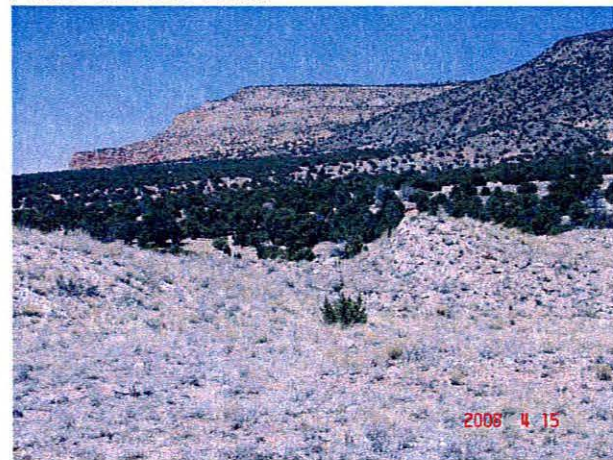
La Jara Mine from above



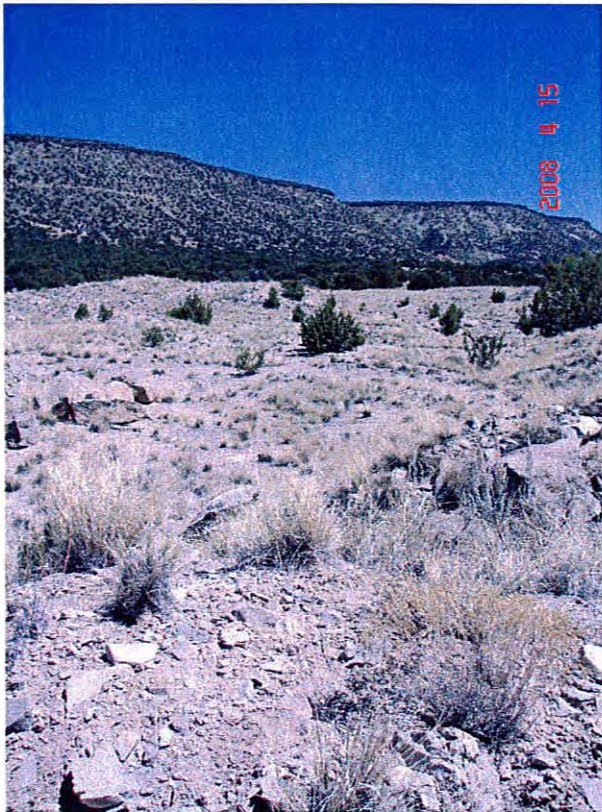
From access road



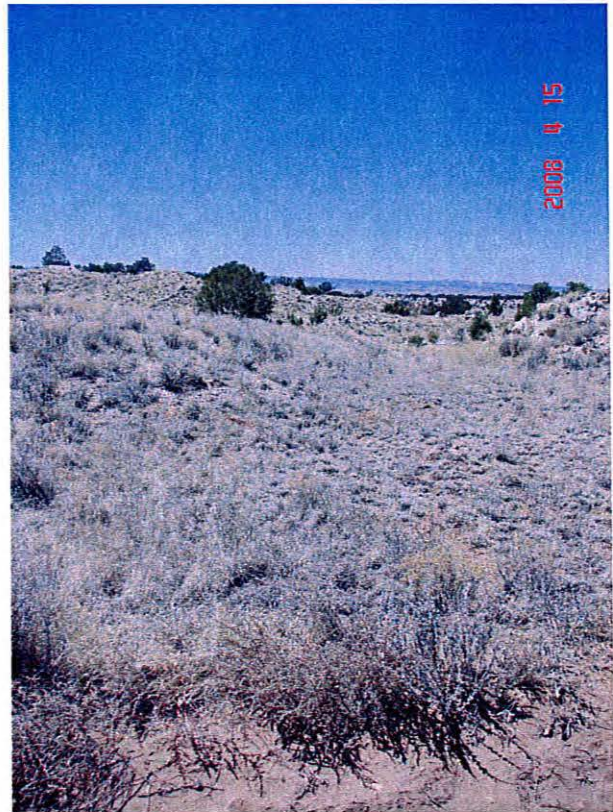
Typical pile



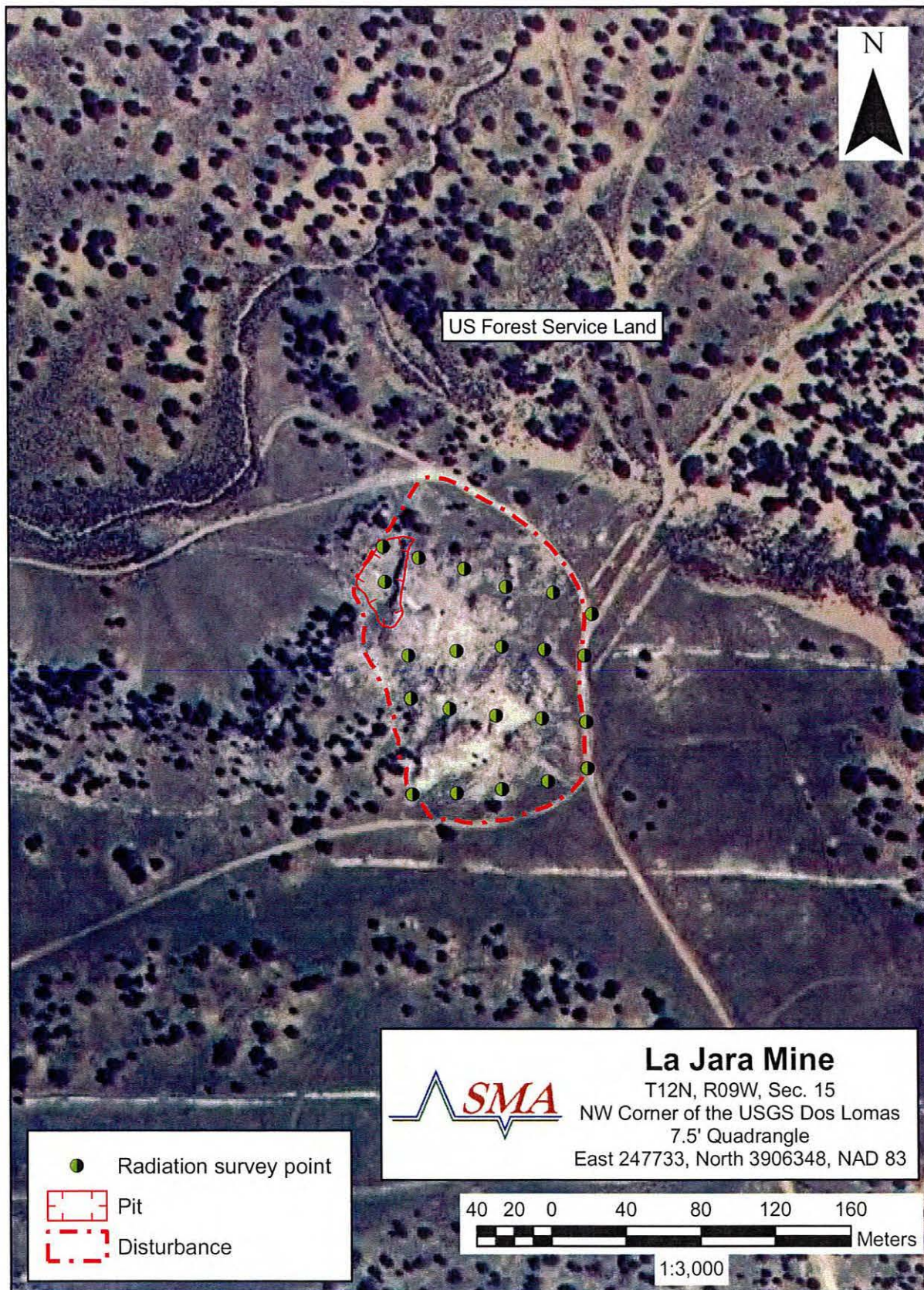
Piles, overgrown



View to East



View to West



AUM Field Survey Data Sheet

Site La Tara

Date <u>4/15/08</u>	Time On-Site	Time Off-Site	By <u>Baldwin Mertz</u>	
Weather Conditions:				
Disturbances	GPS#	Description	Dim/Area/Volume	Photo #'s
Shafts				
Adits				
Pits	<u>G-20</u>	<u>75 pit</u>	<u>75' x 125' x 6'</u>	
Waste Rock Dumps		<u>numerous</u>	<u>6 @ 9' x 30' diam 1506' x 20' diam</u>	
Tailings				
Trenches				
Roads				
Erosional Features				
Structures / Equipment	GPS#	Description	Dimensions	Photo #
Buildings				
Headframes				

AUM Field Survey Data Sheet

Site Lu Tara

Equipment				
Soils	GPS#	Description	Extent	Photo #
Vegetation	GPS#	Description	Extent	Photo #
		10% Trees 10% meschy scrub 10% forbs 50% bare 20% grasses		
Wildlife	GPS#	Description		Photo #
		none		
Human Activity (non-mining, w/in 0.5 mi of site)	GPS#	Description	Extent	Photo #
Land Use (grazing, agricultural, roads, etc., w/in 0.5 mi of site)	GPS#	Description	Extent	Photo #
		light/mod grazing		
Nearby Residences / Wells (w/in 0.5 mi of site)	GPS#	Description	Distance to Site	Photo #
Topographic Features (roads, water courses, etc.)	GPS#	Description		Photo #

AUM Field Survey Data Sheet

Site La Jara 2008-4-15

Radiological Survey			
GPS#	Description	Reading Surface	Reading 4 feet
G0	Rad. Survey ✓	10	8
G1	"	11	8
G2	"	13	10
G3	"	10	7
G4	" ✓	11	8
G5	" ✓	11	8
G6	"	13	10
G7	"	22	15
G8	"	40	32
G9	" ✓	14	11
G10	" ✓	9	13
G11	"	15	13
G12	"	12	10
G13	"	11	8
G14	" ✓	9	7

AUM Field Survey Data Sheet

Site La Jara 2008-4-15

Radiological Survey			
GPS#	Description	Reading Surface	Reading 4 feet
G15	Rad. survey ✓	9	7
G16	"	13	10
G17	" ✓	18	15
G18	"	15	13
G19	"	10	10
G20	Partial Pit ✓	13	10
	Waste piles:		
	6 x (8'h x 30'dia. = 5,700 ft ³)		
	15 x (6'h x 20'dia. = 1,900 ft ³)		
	≈ 62,700 ft ³ ~ 7,600 ft³		
	of waste piles		